

```

1  package socialmedia;
2
3  import java.util.ArrayList;
4
5  public class Comment extends Post{
6      ArrayList<Comment> comments;
7      ArrayList<Endorsement> endorsements;
8      Post originalPost;
9
10     Comment(Account commenter, String content ,Post OriginalPost){
11         super(commenter, content);
12         setOriginalPost(originalPost);
13         comments = new ArrayList<Comment>();
14         endorsements = new ArrayList<Endorsement>();
15     }
16
17     public void setOriginalPost(Post originalPost) {
18         this.originalPost = originalPost;
19     }
20
21     public void addComment(Comment comment){
22         comments.add(comment);
23     }
24
25     @Override
26     public void addEndorsements(Endorsement endorsement){
27         endorsements.add(endorsement);
28     }
29
30     @Override
31     public void deleteEndorsements(){
32         endorsements.removeAll(endorsements);
33     }
34
35     @Override
36     public String show(int indent){
37         String outString = "";
38
39         outString += "ID: " + postID + "\n";
40         for (int i = 0; i < indent; i++){
41             outString += "    ";
42         }
43         outString += "Account: " + accountHandle + "\n";
44         for (int i = 0; i < indent; i++){
45             outString += "    ";
46         }
47         outString += "No. Endorsements: " + endorsements.size() + " | No. Comments: " +
48             comments.size() + "\n";
49         for (int i = 0; i < indent; i++){
50             outString += "    ";
51         }
52         outString += content;
53
54         return outString;
55     }
56
57     @Override
58     public int getNumEndorsements(){
59         return endorsements.size();
60     }
61
62     @Override
63     public String showWithChildren(int indent){
64         String returnString = show(indent) + "\n";
65
66         for (Comment c : comments){
67
68             for (int i = 0; i < indent; i++){
69                 returnString += "    ";

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69         }
70         returnString += "\\n";
71         for (int i = 0; i < indent; i++){
72             returnString += "    ";
73         }
74         returnString += "|";
75
76         returnString += c.showWithChildren(indent++);
77     }
78
79     return returnString;
80 }
81
82 @Override
83 public ArrayList<Comment> getComments() {
84     // TODO Auto-generated method stub
85     return comments;
86 }
87
88 @Override
89 public ArrayList<Endorsement> getEndorsements(){
90     return endorsements;
91 }
92 }
93
```